



National Accreditation Board for Testing and Calibration Laboratories

(A Constituent Board of Quality Council of India)



SCOPE OF ACCREDITATION

Laboratory Name SARRC TEST HOUSE, HOUSE NO 100, SECTOR 29, FARIDABAD, HARYANA, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-5453 Page No. : 1 / 8

Validity 17/02/2019 to 16/02/2021 Last Amended on -

S.No	Discipline / Group	Product / Material of Test	Specific Test Performed	Test Method Specification against which tests are performed	Range of Testing/ Limits of Detection
Permanent Facility					
1	NON-DESTRUCTIVE-METALS & ALLOYS	Ferro Magnetic Material	Magnetic Particle Testing (Yoke) (Visible & wet fluorescent)	EN 10228-1: 2016	Qualitative(Range: Defects upto 3 mm depth)
2	NON-DESTRUCTIVE-METALS & ALLOYS	Ferro Magnetic Material	Magnetic Particle Testing (Yoke) (Visible & wet fluorescent)	ASME Section V : SE 709-Article 7: 2017	Qualitative(Range: Defects up to 3 mm depth)
3	NON-DESTRUCTIVE-METALS & ALLOYS	Ferro Magnetic Material	Magnetic Particle Testing (Yoke) (Visible & wet fluorescent)	SE 1444: 2016	Qualitative(Range: Defects up to 3 mm depth.)
4	NON-DESTRUCTIVE-METALS & ALLOYS	Ferro Magnetic Material	Magnetic Particle Testing (Yoke) (Visible & wet fluorescent)	IS 3703: 2004	Qualitative(Range: Defects up to 3 mm depth.)
5	NON-DESTRUCTIVE-METALS & ALLOYS	Ferrous casting	Ultrasonic Testing	IS 9565: 2000	Qualitative(Range: 5 mm to 500 mm thickness)
6	NON-DESTRUCTIVE-METALS & ALLOYS	Ferrous casting.	Ultrasonic Testing	EN 12680-1: 2003	Qualitative(Range : 5 mm to 600 mm thickness)
7	NON-DESTRUCTIVE-METALS & ALLOYS	Ferrous plates	Ultrasonic Testing	ASME Sec-V:SA 435/SA 577/SA 578: 2017	Qualitative(Range: 5 mm to 300 mm thickness)
8	NON-DESTRUCTIVE-METALS & ALLOYS	Ferrous Weld joints	Ultrasonic Testing	ISO 17640: 2010	Qualitative(Range : 8 mm to 150 mm)
9	NON-DESTRUCTIVE-METALS & ALLOYS	Ferrous and Non ferrous Weld joints	Ultrasonic Testing	ASME Section V : Article 4, SE 273: 2017	Qualitative(Range: 3 mm to 150 mm)
10	NON-DESTRUCTIVE-METALS & ALLOYS	Ferrous and non ferrous materials.	Ultrasonic testing	ASTM E 114& ASTM B 164-2015: 2015	Qualitative(Range: 3 mm to 300 mm)



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11	NON-DESTRUCTIVE-METALS & ALLOYS	Ferrous and Non ferrous metals	Leak Testing (Bubble , Direct Pressure)	ASME Section V : Article 10: 2017	Qualitative
12	NON-DESTRUCTIVE-METALS & ALLOYS	Ferrous and Non ferrous metals	Liquid Penetrant Testing	EN 10228-2: 2016	Qualitative(flaws open to surface)
13	NON-DESTRUCTIVE-METALS & ALLOYS	Ferrous and Non ferrous metals	Liquid Penetrant Testing	ASME Section V : SE 165 (Article 6): 2017	Qualitative(Flaws open to surface)
14	NON-DESTRUCTIVE-METALS & ALLOYS	Ferrous and Non ferrous metals	Ultrasonic Thickness Gauging	ASME Section V : SE-797: 2017	Qualitative(Range:1 mm to 199.9 mm thickness(Flat surfaces)& dia 50 mm max.)
15	NON-DESTRUCTIVE-METALS & ALLOYS	Ferrous and Non ferrous metals	Visual Examination	ASME Section V : Article 9: 2017	Qualitative
16	NON-DESTRUCTIVE-METALS & ALLOYS	Ferrous and Non ferrous metals forgings	Ultrasonic Testing	IS 1408: 2006	Qualitative(5 mm to 1000 mm thickness / Diameter)
17	NON-DESTRUCTIVE-METALS & ALLOYS	Ferrous and Non ferrous metals forgings	Ultrasonic Testing	SE 548: 2015	Qualitative(5 mm to 1000 mm thickness / Diameter)
18	NON-DESTRUCTIVE-METALS & ALLOYS	Ferrous and Non ferrous metals pipes & tubes (seamless)	Ultrasonic Testing	SE 548: 2015	Qualitative(40mm to 300 mm diameter)
19	NON-DESTRUCTIVE-METALS & ALLOYS	Ferrous and Non ferrous metals pipes & tubes (seamless)	Ultrasonic Testing	ASME Sec V : SE 213 (Article 23): 2017	Qualitative(range:13 mm to 300 mm diameter.)
20	NON-DESTRUCTIVE-METALS & ALLOYS	Ferrous and Non ferrous metals pipes & tubes (seamless)	Ultrasonic Testing	IS 1408: 2006	Qualitative(40mm to 300 mm diameter)



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S.No	Discipline / Group	Product / Material of Test	Specific Test Performed	Test Method Specification against which tests are performed	Range of Testing/ Limits of Detection
21	NON-DESTRUCTIVE-METALS & ALLOYS	Ferrous and Non ferrous metals Weld joints	Ultrasonic Testing	IS 1408: 2006	Qualitative(upto 150 mm thickness)
22	NON-DESTRUCTIVE-METALS & ALLOYS	Ferrous casting	Ultrasonic Testing	EN 12680-3: 2011	Qualitative(Range: 10 mm to 500 mm thickness)
23	NON-DESTRUCTIVE-METALS & ALLOYS	Ferrous castings	Ultrasonic Testing	EN 12680-2: 2003	Qualitative(Range: 10 mm to 600 mm thickness)
24	NON-DESTRUCTIVE-METALS & ALLOYS	Ferrous plates	Ultrasonic Testing	EN 10160: 1999	Qualitative(Range : 6 mm to 300 mm thickness)
25	NON-DESTRUCTIVE-METALS & ALLOYS	Ferrous Weld joints	Ultrasonic Testing	EN/ ISO 11666: 2018	Qualitative(Range: 8 mm to 150 mm)
26	NON-DESTRUCTIVE-METALS & ALLOYS	Forging	Ultrasonic Testing	IS 1408: 2006	Qualitative(Range: 5 mm to 1000 mm thickness)
27	NON-DESTRUCTIVE-METALS & ALLOYS	Forging-Ferrous	Ultrasonic Testing	ASME Section V : SA 388 (Article 23): 2017	Qualitative(Range: 5 mm to 1000 mm thickness)
28	NON-DESTRUCTIVE-METALS & ALLOYS	Forgings(Ferrous)	Ultrasonic Testing	EN 10228-3: 2016	Qualitative(Range: 5 mm to 1000 mm thickness .)
29	NON-DESTRUCTIVE-METALS & ALLOYS	Forgings(Ferrous)	Ultrasonic Testing	EN 10308: 2002	Qualitative(Range: 5 to 400 mm thickness .)
30	NON-DESTRUCTIVE-METALS & ALLOYS	Non ferrous casting	Ultrasonic Testing	IS:1408: 2006	Qualitative(Range: 5 mm to 200 mm thickness)



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31	NON-DESTRUCTIVE-METALS & ALLOYS	Non ferrous metal plates	Ultrasonic Testing	SE 548 (Article 23): 2017	Qualitative(Range:12.5 mm to 200mm thickness)
32	NON-DESTRUCTIVE-METALS & ALLOYS	Non ferrous standard Reference block.	Ultrasonic testing	ASTM E 127 (Clause 11): 2015	Qualitative(Range: Max 160 mm(Aluminium))



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Site Facility					
1	NON-DESTRUCTIVE-METALS & ALLOYS	Ferro Magnetic Material	Magnetic Particle Testing (Yoke) (Visible & wet fluorescent)	EN 10228-1: 2016	Qualitative(Range: Defects upto 3 mm depth)
2	NON-DESTRUCTIVE-METALS & ALLOYS	Ferro Magnetic Material	Magnetic Particle Testing (Yoke) (Visible & wet fluorescent)	ASME Section V : SE 709-Article 7: 2017	Qualitative(Range: Defects up to 3 mm depth)
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5	NON-DESTRUCTIVE-METALS & ALLOYS	Ferrous casting	Ultrasonic Testing	IS 9565: 2000	Qualitative(Range: 5 mm to 500 mm thickness)
6	NON-DESTRUCTIVE-METALS & ALLOYS	Ferrous casting.	Ultrasonic Testing	EN 12680-1: 2003	Qualitative(Range : 5 mm to 600 mm thickness)
7	NON-DESTRUCTIVE-METALS & ALLOYS	Ferrous castings	Ultrasonic Testing	ASME Section V : SA 609: 2017	Qualitative(Range 5 mm to 1000 mm thickness)
8	NON-DESTRUCTIVE-METALS & ALLOYS	Ferrous plates	Ultrasonic Testing	ASME Sec-V:SA 435/SA 577/SA 578: 2017	Qualitative(Range: 5 mm to 300 mm thickness)
9	NON-DESTRUCTIVE-METALS & ALLOYS	Ferrous Weld joints	Ultrasonic Testing	ISO 17640: 2010	Qualitative(Range : 8 mm to 150 mm)
10	NON-DESTRUCTIVE-METALS & ALLOYS	Ferrous and Non ferrous Weld joints	Ultrasonic Testing	ASME Section V : Article 4, SE 273: 2017	Qualitative(Range: 3 mm to 150 mm)



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12	NON-DESTRUCTIVE-METALS & ALLOYS	Ferrous and Non ferrous metals	Leak Testing (Bubble , Direct Pressure)	ASME Section V : Article 10: 2017	Qualitative
13	NON-DESTRUCTIVE-METALS & ALLOYS	Ferrous and Non ferrous metals	Liquid Penetrant Testing	EN 10228-2: 2016	Qualitative(flaws open to surface)
14	NON-DESTRUCTIVE-METALS & ALLOYS	Ferrous and Non ferrous metals	Liquid Penetrant Testing	ASME Section V : SE 165 (Article 6): 2017	Qualitative(Flaws open to surface)
15	NON-DESTRUCTIVE-METALS & ALLOYS	Ferrous and Non ferrous metals	Ultrasonic Thickness Gauging	ASME Section V : SE-797: 2017	Qualitative(Range:1 mm to 199.9 mm thickness(Flat surfaces)& dia 50 mm max.)
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18	NON-DESTRUCTIVE-METALS & ALLOYS	Ferrous and Non ferrous metals forgings	Ultrasonic Testing	SE 548: 2015	Qualitative(5 mm to 1000 mm thickness / Diameter)
19	NON-DESTRUCTIVE-METALS & ALLOYS	Ferrous and Non ferrous metals pipes & tubes (seamless)	Ultrasonic Testing	SE 548: 2015	Qualitative(40mm to 300 mm diameter)
20	NON-DESTRUCTIVE-METALS & ALLOYS	Ferrous and Non ferrous metals pipes & tubes (seamless)	Ultrasonic Testing	ASME Sec V : SE 213 (Article 23): 2017	Qualitative(range:13 mm to 300 mm diameter.)
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25	NON-DESTRUCTIVE-METALS & ALLOYS	Ferrous plates	Ultrasonic Testing	EN 10160: 1999	Qualitative(Range : 6 mm to 300 mm thickness)
26	NON-DESTRUCTIVE-METALS & ALLOYS	Ferrous Weld joints	Ultrasonic Testing	EN/ ISO 11666: 2018	Qualitative(Range: 8 mm to150 mm)
27	NON-DESTRUCTIVE-METALS & ALLOYS	Forging	Ultrasonic Testing	IS 1408: 2006	Qualitative(Range: 5 mm to 1000 mm thickness)
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29	NON-DESTRUCTIVE-METALS & ALLOYS	Forgings(Ferrous)	Ultrasonic Testing	EN 10228-3: 2016	Qualitative(Range: 5 mm to 1000 mm thickness .)
30	NON-DESTRUCTIVE-METALS & ALLOYS	Forgings(Ferrous)	Ultrasonic Testing	EN 10308: 2002	Qualitative(Range: 5 to 400 mm thickness .)
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